

IN THE CLAIMS:

The claims, as pending in the subject application, now read as follows:

1. (Currently amended) A computer-implemented method of forming a printable representation of a document having framed content, the computer including a processor, a memory and a display device each coupled to the processor, the document being displayed by the processor upon the display to represent the framed content, said method comprising the steps of:

- (a) recording in the memory a ~~[[the]]~~ position, height and width of each frame of said document in a display widow of the display device in which said document is presented;
- (b) identifying using the processor dimensions of a printing medium associated with said printable representation;
- (c) determining using the processor a height of content of each said frame;
- (d) determining using the processor, for each said frame, a record of any corresponding dependency frames, each said dependency frame being above said frame in said display window;
- (e) interpreting using the processor the records to establish a display order of said frames;
- (f) for each said frame, and in said display order, using the processor to:
 - (fa) check ~~checking~~ a start position of said frame against an end position of a created display region of a frame upon which said frame is dependent, and setting said start position to be said end position;
 - (fb) create ~~creating~~ a display region upon a page in said printable representation at said start position according to said corresponding content height;

(fc) ~~place~~ ~~placing~~ the content of said frame into said display region;
and

(fd) where said display region exceeds a page limit in said printable representation, ~~terminate~~ ~~terminating~~ the display region at the page limit and ~~create~~ ~~creating~~ a further display region upon a following page of the printable representation so as to span the content of said frame across the display region and the further display region; and

(g) one of store the printable representation in the memory and transmit the printable representation to a printer for printing.

2. (Original) A method according to Claim 1 wherein step (c) comprises:

(ca) determining a width of said content of each said frame;

(cb) determining a scaling factor by which the content width of said frame need be adjusted to correspond to a corresponding display width of said frame in said display window; and

step (fb) further comprises scaling the content of said frame according to said scaling factor to fit within said display width.

3. (Original) A method according to Claim 2 wherein step (fb) comprises:

(i) applying a zoom to the display region corresponding to the scaling factor;

and

(ii) expanding a width of the display region by the inverse of the scaling factor to thereby reveal content otherwise obscured.

4. (Original) A method according to Claim 1 wherein step (b) comprises reducing said dimensions by margin dimensions to be formed in said printable representation.

5. (Original) A method according to Claim 1 wherein step (d) comprises forming a linear array of records incorporating links from records of dependent ones of said frames to frames from which they depend.

6. (Original) A method according to Claim 1 wherein no account is taken of horizontal dependency between said frames.

7. (Original) A method according to Claim 1 wherein said printable representation is a print preview representation.

8. (Original) A method according to Claim 1 wherein said printable representation comprises at least part of a print job dispatched to a printer.

9. (Original) A method according to Claim 1 wherein said document comprises an HTML document defining a Web page.

10. (Currently amended) A computer-implemented method of forming a printable representation of a Web page, the computer including a processor, a memory and a display device each coupled to the processor, the document being displayed by the processor upon the display to represent the framed content, said method comprising:

(i) detecting using the processor one of a print or a print preview selection for said Web page from a Web browser application executing on the computer;

(ii) examining using the processor a definition of said Web page for the presence of frames; and

(iii) where step (ii) detects the presence of at least one frame in said Web page, forming using the processor a printable representation of the Web page, said forming comprising the steps of:

(a) recording in the memory the position, height and width of each frame of said Web page in a display window of the browser application in which said Web page is presented on the display device,

(b) identifying dimensions of a printing medium associated with said printable representation;

(c) determining a height of content of each said frame;

(d) determining, for each said frame, a record in any corresponding dependency frames, each said dependency frame being above said frame in said display window;

(e) interpreting the records to establish a display order of said frames;

(f) for each said frame, and in said display order:

(fa) checking a start position of said frame against an end position of a created display region of a frame upon which said frame is dependent, and setting said start position to be said end position;

(fb) creating a display region upon a page in said printable representation at said start position according to said corresponding content height;

(fc) placing the content of said frame into said display region; and

(fd) where said display region exceeds a page limit in said printable representation, terminating the display region at the page limit and creating a further display region upon a following page of the printable representation so as to span the content of said frame across the display region and the further display region.

11. (Original) A method according to Claim 10, further comprising the step of:

(iv) where step (ii) fails to detect the presence of a frame, forming the printable representation according to the browser application.

12. (Canceled)

13. (Previously presented) A computer-readable storage medium according to Claim 14, wherein said program forms a sub-application associated with a browser application and having a graphical user interface formed with a graphical user interface of said browser application.

14. (Previously presented) A computer-readable storage medium having a computer program recorded thereon, the program being arranged to make a computer execute a procedure to form a printable representation of a document having framed content, said program comprising:

code means for recording the position, height and width of each frame of said document in a display widow in which said document is presented,

code means for identifying dimensions of a printing medium associated with said printable representation;

code means for determining a height of content of each said frame;

code means for determining, for each said frame, a record of any corresponding dependency frames, each said dependency frame being above said frame in said display window;

code means for interpreting the records to establish a display order of said frames;

code means, operable for each said frame, and in said display order, to:

(a) check a start position of said frame against an end position of a created display region of a frame upon which said frame is dependent, and setting said start position to be said end position;

(b) create a display region upon a page in said printable representation at said start position according to said corresponding content height;

(c) place the content of said frame into said display region; and

(d) where said display region exceeds a page limit in said printable representation, terminate the display region at the page limit and creating a further display region upon a following page of the printable representation so as to span the content of said frame across the display region and the further display region.

15. (Previously presented) A computer system operable to form a printable representation of a document having framed content, said system comprising:

means for recording the position, height and width of each frame of said document in a display widow in which said document is presented,

means for identifying dimensions of a printing medium associated with said printable representation;

means for determining a height of content of each said frame;

means for determining, for each said frame, a record of any corresponding dependency frames, each said dependency frame being above said frame in said display window;

means for interpreting the records to establish a display order of said frames;

means, operable for each said frame, and in said display order, to:

(a) check a start position of said frame against an end position of a created display region of a frame upon which said frame is dependent, and setting said start position to be said end position;

(b) create a display region upon a page in said printable representation at said start position according to said corresponding content height;

(c) place the content of said frame into said display region; and

(d) where said display region exceeds a page limit in said printable representation, terminate the display region at the page limit and creating a further display region upon a following page of the printable representation so as to span the content of said frame across the display region and the further display region.